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REMARKS

Claims 1-38 are currently pending in the patent application.

The Examiner has finally rejected Claims 1-12, 17-24, 27-28 and 37-38 under 35 USC 103 as unpatentable over the teachings of White in view of Kumar; Claims 13-16, 25-26, and 33-36 under 35 USC 103 as being unpatentable over the teachings of White in view of Kumar and further in view of Hohle; and, Claims 29-32 under 35 USC 103 as unpatentable over White in view of Kumar and further in view of Shaw. For the reasons set forth below, Applicants respectfully assert that all of the pending claims are definite and patentable over the cited prior art.

The present invention is directed to a system and method for representing data packages in compact form. The data packets on which the present invention operates already include data and meta-data. It is the meta-data which is searched to locate defined identifications; and, it is those defined identifications which are represented with substitutes which require less storage space than did the original identifications in the meta-data.

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The White patent is directed to a method for improving serialization of Java objects. What the White patent teaches is that a Java object can be represented as a binary representation using a class identifier (ACI) or a class descriptor (ACD) which accompanies the binary representation to facilitate conversion at a receiving site. In addition to the binary representation and the ACI or ACD, the receiving site also receives a table of class identifiers or a table of class descriptors, respectively, to be used in converting the binary representation back to the object (see: Col. 4, lines 31-46).

Applicants respectfully assert that the present invention improves upon the White patent system by searching meta-data which accompanies data in a data packet, locating identifications within the meta-data, and representing those identifications by defined substitutes, thereby representing the same information with fewer bits. Essentially, the present invention would look at the ACI or ACD of White and represent that ACI or ACD information with defined substitutes, thereby minimizing the information which must be transmitted, since the ACI or ACD itself would be represented by less information and since the transmission

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would not need to include a table of ACIs or ACDs. There is nothing in White which teaches or suggests that predefined substitutes can be provided for the ACIs or ACDs. Rather, White requires not only the ACI or ACD, but also requires a table of ACIs or a table of ACDs in order to make use of the White serialization technique. Clearly sending meta-data plus a table to explain the meta-data is not the same as or suggestive of substituting predefined substitutes in place of identifications in meta-data in order to represent data in more compact form.

Applicants respectfully assert that the cited Kumar patent does not provide the teachings which are missing from the White patent. The cited Kumar teachings regarding arranging data packages in sequence would not logically be combined with the White patent teachings; and, that, even if combined, the combination would not obviate the invention as claimed. Neither the White patent nor the Kumar patent teaches or suggests that data packages comprising data elements with meta-data, comprising name and type identifications for the data elements or comprising data packages with meta-data comprising name and type identifications for data packages, be searched, and that the

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identifications located thereby be represented by defined substitutes. If one were to combine White and Kumar, one would arrive at a system and method wherein the White data packets, each comprising a Java object representation with its ACI or ACD and table, would be arranged in a sequence for transmission. The combination would not, however, obviate the claimed invention wherein meta-data is searched and identifications found in the meta-data are replaced with predefined substitutes.

Applicants further note that neither the Hohle nor the Shaw patent teaches or suggests the data packages with meta-data and treatment thereof as is claimed by the present invention. The Hohle patent is directed to smart card encoding, and specifically refers to TLV structures in accordance with ISO 8825 at Col. 7, lines 39-44. However, the Hohle smart card encoding does not teach or suggest the searching of meta-data as defined in the present invention and the representing of identifications found therein with predefined substitutes. Similarly, the Shaw patent, cited for showing a three-tier client-server architecture, provides no teachings or suggestions of the claim features.

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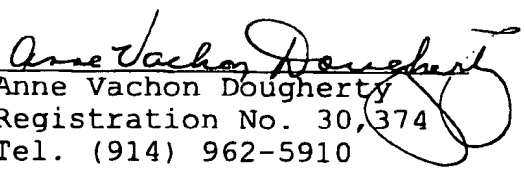
Accordingly, Applicants believe that the 103 rejections cannot be sustained.

Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendments, withdrawal of the claims objections, withdrawal of the 103 rejections, and issuance of the claims.

Respectfully submitted,

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